

1. Specify: ☒ agricultural project or ☐ urban project ☒ individual application or ☐ joint application
2. Proposal title—concise but descriptive: WATER CONSERVATION AND EFFICIENCY PROJECT
3. Principal applicant—organization or affiliation: STEVE AND SHARON GUGGISBERG DBA: PERFECT DAY RANCH AND FARM
4. Contact—name, title: STEVE GUGGISBERG - OPERATOR
5. Mailing address: 1329 SYLVAN BOULEVARD REDLANDS, CA 92374
6. Telephone: (909) 792-8205
7. Fax: (909) 792-9637
8. E-mail: SGUGG@AOL.COM
9. Funds requested—dollar amount: \$ 4,700.
10. Applicant cost share funds pledged—dollar amount: \$ 0
11. Duration—(month/year to month/year): 7/2001 to 6/2002
12. State Assembly and Senate districts and Congressional district(s) where the project is to be conducted: 63<sup>RD</sup> STATE ASSEMBLY DISTRICT/31<sup>ST</sup> STATE SENATE DISTRICT 35<sup>TH</sup> U.S. CONGRESSIONAL DISTRICT
13. Location and geographic boundaries of the project: 1329 SYLVAN BLVD., REDLANDS APPROXIMATELY OF 2 ACRES OF CITRUS, FRUIT TREES AND GRAPE VINES.

14. Name and signature of official representing applicant. By signing below, the applicant declares the following:
- the truthfulness of all representations in the proposal;
  - the individual signing the form is authorized to submit the application on behalf of the applicant;
  - the applicant will comply with contract terms and conditions identified in Section 11 of this PSP.

STEVE GUGGISBERG  
(printed name of applicant)

Steve Guggisberg  
(signature of applicant)

FEBRUARY 13, 2001  
(date)

## SCOPE OF WORK

### Relevance and Importance

The project would improve efficiency of the Lugonia Park Water supply currently being used to irrigate approximately 2 acres of citrus, fruit trees and a small vineyard. These sites are currently operating under delivery from reservoir, through pipe to the site and then by a furrow system. As the ground becomes saturated, water continues through the furrows with excess water runs off into the street eventually entering the storm drain system or the local Indian Zanja. (Lugonia Park Water Company was established in the 1880's to provide local growers with a water supply from the San Bernardino mountains, transported via canals and pipes to their groves.) The source of the water can be diverted to the City of Redlands for their use with no additional costs as it flows from the mountains. In turn, the City can deliver water through the current domestic system which is already established. This proposal they have declined to accept. Under the pressurized domestic water system a comprehensive and efficient drip and emitter system could be installed to conserve water, weed control and the application of ground pesticides. Under this program less water would be used. (I currently own water stock shares that deliver in excess of 32 inches of water, far more than is required for the current operation.)

### Statement

The need for this project would be to conserve water usage by focusing water delivery to precisely where it is needed and prevent run-off water simply flowing into the public right-of-way and not being recovered.

### Nature, scope and objectives

This project would address numerous quantifiable objectives:

- Increase water supply for public use.
- Decrease nonproductive water flow into the public streets.
- Provide the City with diversion flexibility for beneficial use.
- Reduce pesticides applied to the ground.

## TECHNICAL/SCIENTIFIC MERIT

### Methods, procedures, schedule and assessment

There is not currently a specific system in place to monitor this proposal. Over the long term, the water usage can be evaluated through the meter readings as water is

delivered through the domestic system. Water delivered through that system can be compared to the water that was diverted to the City.

## OUTREACH AND COMMUNITY INVOLVEMENT

### Outreach, training and employment

There is no public outreach or involvement of the community other than being the recipient of gaining an inexpensive supply of water and better utilization of water being consumed. Should this plan be accepted, it can be published and shared with other small grove operators in all areas of the State.

## QUALIFICATIONS OF THE APPLICANT

This is an operation run by husband and wife. Additional employees or rather outside labor is used rarely. The final product is sold on a road side stand which actually does not result in profit but generates funds that are used to offset farm costs. We have owned the property for almost 5 years and have planted 52 grapevines, approximately 30 citrus trees and will soon plant 20 fruit trees. Extended plans call for the replacement of 50 citrus trees and an additional 20 fruit trees. The replacement is necessary to replace trees that have outgrown their productive years or trees that have been neglected over the past 25 years. It is our goal to re-establish the grounds and establish an agricultural preserve.

## COSTS AND BENEFITS

### Budget, benefit summary and breakdown

Costs involved in this project are for the installation of a separate water line and meter to the property and the cost difference between the domestic rate and the single rate of just delivery. The property has access to a 7 inch pressurized line that runs to the north of the property. The cost involved to install the meter and a line was estimated to be around \$ 3,500.00. This cost was given by the City of Redlands. The other cost

involved would be the City delivering the water. They have indicated that a fee would be \$ .10 per miner inch. This cost, we are willing to pay for. I am asking for grant money to cover the difference. It is estimated this cost to be \$ 200.00 every other month. This is the City billing cycle.

The only other cost involved is our continuing to pay the water stock company for their yearly assessment and delivery fee which we are willing to pay.

The benefit from this program is a win - win for both parties. The City gets additional water and we get an irrigation system that is beneficial from a water conversation aspect.

## MATCHING FUNDS

There are no cost sharing agreements.

## CONCURRENCE FROM LOCAL GOVERNMENT

Should the grant be awarded for the installation of the separate water line and meter, no authorization from the City would be necessary.

## ENVIRONMENTAL DOCUMENTATION

This project will have no effect on the environment and does not require further environmental assessment under the California Environmental Quality Act because it is exempt. It is a class 4 exempt activity: Minor Alterations to Land.